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Release 3.1A John F. Collins, Biocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U.K. Distribution rights by Oxford Molecular Ltd

MPsrch_pp protein - protein database search, using Smith-Waterman algorithm

Run on: Thu Oct 21 16:36:36 1999; MasPar time 1.70 Seconds 110.090 Million cell updates/sec

Tabular output not generated.

Description: Perfect Score: Title: 110 1 KNSSGWKEEEVLQSRN 16 >US-08-978-217-12 (1-16) from US08978217.pep

Sequence:

Scoring table: PAM 150 Gap 15

Searched: 119857 segs, 11713122 residues

Post-processing: Minimum Match 0% Listing first 45 summaries

Database: a-issued

1:5A_COMB 2:5B_COMB 3:PCT9_COMB 4:backfiles1

Statistics: Mean 18.309; Variance 62.631; scale 0.292

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Ouery Match Length DB ID Description Pred. No	23	22	21	20	19	18	17	16	15	14	13	12	11	10	. 6	00	7	0	· UT	4	ω	2	1	No.	Result
Length DB ID Description	52	52	52	52	52	52	52	52	52	55	ហ	56	56	57	57	57	57	62	62	62	64	71	110	Score	
DB ID Description Proceed to the process of the pro	47.3	47.3		٠				•	٠	٠			•		•	٠	•					•			Query
US-08-746- Sequence 2, Applicatio 1 US-08-920- Sequence 18, Applicatio 1 US-08-937- Sequence 2, Applicatio 1 US-08-801- Sequence 2, Applicatio 1 US-08-801- Sequence 3, Applicatio 1 US-08-852- Sequence 4, Applicatio 4 US-08-852- Sequence 2, Applicatio 4 US-08-852- Sequence 3, Applicatio 4 US-08-852- Sequence 3, Applicatio 4 US-08-852- Sequence 3, Applicatio 5 US-09-096- Sequence 4, Applicatio 7 US-08-854- Sequence 4, Applicatio 7 US-08-854- Sequence 2, Applicatio 7 US-08-864- Sequence 2, Applicatio 1 US-08-864- Sequence 20, Applicati 1 US-08-864- Sequence 20, Applicati 1 US-08-864- Sequence 20, Applicati 1 US-08-865- Sequence 20, Applicati 1 US-08-865- Sequence 20, Applicati 1 US-08-865- Sequence 20, Applicati 1 US-08-805- Sequence 3, Applicati 1 US-08-805- Sequence 3, Applicati 1 US-08-805- Sequence 20, Applicati 1 US-08-805- Sequence 20, Applicati 1 US-08-805- Sequence 3, Applicati 1 US-08-805- Sequence 4, Applicati 1 US-08-805- Sequence 8, Applicati 1 US-08-805- Sequence 8, Applicati 1 US-08-805- Sequence 8, Applicati 1	1187	1187	1187	1184	1184	1184	1184	1184	717	189	189	189	189	664	620	591	577	2517	2512	2500	60	2431	371		
Description OR-746- Sequence 2, Applicatio 1 OR-537- Sequence 2, Applicatio 1 OR-801- Sequence 3, Applicatio 4 OR-852- Sequence 6, Applicatio 4 OR-852- Sequence 8, Applicatio 4 OR-852- Sequence 3, Applicatio 5 OR-9096- Sequence 3, Applicatio 7 OR-9096- Sequence 4, Applicatio 7 OR-9096- Sequence 2, Applicatio 7 OR-435- Sequence 2, Applicatio 7 OR-446- Sequence 20, Applicati 1 OR-456- Sequence 8, Applicati 1 OR-557- Sequence 8, Applicati 1	سا	N	w	N	۲	N	۲	Ν	٢	2	Ŋ	N	N	N	2	N	N	N	2	N	N	μ.	2	; B	
ion Pr 2 Applicatio 1 18 Applicatio 1 19 Applicatio 1 2 Applicatio 1 2 Applicatio 1 3 Applicatio 4 4 Applicatio 4 6 Applicatio 4 6 Applicatio 4 7 Applicatio 5 3 Applicatio 7 4 Applicatio 7 4 Applicatio 7 4 Applicatio 7 5 Applicatio 7 6 Applicatio 7 7 Applicatio 7 8 Applicatio 1 10 Applicati 1 20 Applicati 1 21 Applicati 1 22 Applicati 1 23 Applicati 1 24 Applicati 1	US-08-357-	us-09-003-	. PCT-US95-1	US-08-805-	-80-	-09-066	9	-08-064	-08-435	-08-884	900	-09-096	-08-884	-80-	-08	-08-	-08-	- 80-	-08-	0	ò	ò	6	ID	
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Pred. NO. 1.29e-04 1.29e-04 1.48e+00 1.48e+01 1.48e+01 1.48e+01 1.48e+01 4.54e+01 4.54e+01 4.54e+01 4.54e+01 7.05e+01 7.05e+02 7.35e+02	Applicatio	Applicatio	Appl	, Appl	, Appl	, Appl	, Appl	•	Applicatio	Applicatio	-	Applicatio	Applicatio	Applicatio		Applicatio	_	Ξ	Applicatio	Applicatio	\mathbf{r}	icati	licat	1 1 1 1 1 1 1 1	
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	4.7
49	49	49	49	49	49	49	49	50	50	50 .	50	50	50	50	50	50	50	51	51	51	
44.5		44.5		44.5	44.5	44.5	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	46.4	46.4	46.4	* \ .
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— κ ₂	₩.Э		TELECOMMUNICATION INFORMATION:	,344	NAME: William T. Han	ATTORNEY/AGENT INFORMATION:	FILING DATE:		514		APPLICATION UMBER: US/08/746,789A	_	CHEKATING SISTEM: WINDOWS FOX WOXXGXOUPS	IBM 486	TYPE: D.	COMPUTER READABLE FORM:	4	×	PA	king of Prussia	9 Swedeland	ADDRESSEE: SmithKline Beecham Corporation	DENCE ADDRESS	R OF SEQUENCES: 4	TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3	KMATION:	FORMER NO. 1709XVV			Sequence 2, Application US/08746789A			XXXXXX		US-08-746-789A-2 STANDARD; PRT; 371 AA.	

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Patent No GENERAL

APPLICANT:

Matches

16;

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Query Match 64.5%;
Best Local Similarity 50.0%;
Matches 7; Conservative
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Best Local Similarity 100.0%;
                                            US-08-537-400-18
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                                                                                                                      197 ATNWADEQVLQARN 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  356 KNSSGWKEEEVLQSRN 371
                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: 2431 amino aci
                                                                                                                                                                                                                                                                                                     NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 828-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
TELEFAX: 703-241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 KNSSGWKEEEVLQSRN 16
                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
JENCE 2431 AA; 269357 MW; 30290512 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DNA Expression Systems
TITLE OF INVENTION: Alphaviruses
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                              SSGWKEEEVLQSRN
                                                                                                                                                                                                                                                                                  TELEFAX: 748345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRIEF: P.O. Box 747
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 13-AU
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AL INFORMATION:
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                                            STANDARD;
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Pred. No. 1.86e+00;
5; Mismatches 2
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Pred. No. 1.29e-04
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Best Local Similarity 50.0%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                SEQUENCE
                                                                                           Sequence 2, Application US/08801263A
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Sequence 2, Application US/08801263A
Patent No. 5811407
GENERAL INFORMATION:
APPLICANT: Johnston, Robert E.
APPLICANT: Davis, Nancy L.
APPLICANT: Simpson, Dennis A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No
GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 18, Application Patent No. 5939301
                                                                                                                                                                                                                                                   31 RNATGWKDGELL 42
                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/316
FILING DATE: 30-5EP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/370
FILING DATE: 09-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE PROVER: 137,893
                                                                                                                                                                                                                          1 KNSSGWKEEEVL 12
                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 02-OCT-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOTTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/537,400
FILING DATE: 02-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U
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AL INFORMATION:
                                                                                                                                                                                                                                                                                                                              LE TYPE: protein
60 AA; 7002 MW; 16647 CN;
                                                                                                                                                                                                                                                                                                                                                                                  H: 60 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                        STANDARD;
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Pred. No. 9.40e+00;
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                                                                                                                                                                        2500 AA
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE
                                                                                                                                                                                                                                                           Sequence 9, Application US/08801263A
                                                                                                                                                                                                                                                                                                                                                                                                     197 NTNWADEKVLEARN 210
                                                                                                                                                                                                                           Sequence 9, Application US/08801263A Patent No. 5811407
                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 2500 amino acids
                                                                                                                                                                                                                                                                                                                                                                            3 SSGWKEEEVLQSRN 16
                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell Seltzer Park & Gibson, P.A.
STREET: 1211 East Morehead Street
                                                                                                                                               APPLICANT: Johnston, Robert E.
APPLICANT: Davis, Nancy L.
APPLICANT: Simpson, Dennis A.
TITLE OF INVENTION: System for the In Vivo Delivery and
TITLE OF INVENTION: Expression of Heterologous Genes in
        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein JENCE 2500 AA; 278373 MW; 31917018 CN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/801,263A
FILING DATE: 19-FEB-1997
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 919-420-2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                           NUMBER OF SEQUENCES:
                                                 STREET: 1211
CITY: Charlotte
STATE: No. 5811407th Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1411 STREET: 1411 CAIRLING CITY: Charlotte
STATE: NO. 5811407th Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Sibley, Kenneth D. REGISTRATION NUMBER: 31,665 REFERENCE/DOCKET NUMBER: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            919-881-3175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IBM PC compatible SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Floppy disk
                                                                                                                                                                                                                                                                                                                                STANDARD;
                                                                                                                                          Expression 12
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Pred. No. 1.48e+01;
5; Mismatches 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              197 NTNWADEKVLEARN 210
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08801263A Patent No. 5811407
                               TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 42.9%; tes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 SSGWKEEEVLQSRN
                                                                                                                                                                                                                                                                                                      APPLICANT: Davis, Nancy L.
APPLICANT: Davis, Nancy L.
APPLICANT: Simpson, Dennis A.
TITLE OF INVENTION: System for the In Vivo Delivery and
TITLE OF INVENTION: Expression of Heterologous Genes in
"""" OF SEQUENCES: 12
                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                       REFERENCE/DOCKET NUMBER: 54
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
JENCE 2512 AA; 279574 MW; 32345614 CN;
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REFERENCE/DOCKET NUMBER: 54
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
                                                                                        CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,
        SEQUENCE CHARACTERISTICS:
LENGTH: 2517 amino aci
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CITY: Charlotte
STATE: No. 5811407th Carolina
                                                      TELEPHONE:
                                                                                                                                       APPLICATION NUMBER: US/08/801,263A FILING DATE: 19-FEB-1997
                                                                                                                                                                                                                                               COUNTRY:
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1211 East Morehead Street
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919-87 NO: 9:
           2517 amino acids
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                                                                                   31,665
RER: 547
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Pred. No. 1.48e+01;
5; Mismatches 3
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                 US-08-852-153-6
                                                                                                          SEQUENCE
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SEQUENCE 25
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                                                                             Local Similarity nes 5; Conser
                                                                                                                                            TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 577 amino acids
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Local Similarity 42.9%;
hes 6; Conservative
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                                               1 KNSSGWKEEEVLQ 13
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                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                       MOLECULE TYPE: protein
JENCE 577 AA; 63869 MW; 1739684 CN;
                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 923-3888
                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Guth, Joseph H.
                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Randazzo, TITLE OF INVENTION:
                                                                                                                         TOPOLOGY:
                                                                                                                             TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                        REGISTRATION NUMBER: 31.
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                              STREET: 4560 Horton CITY: Emeryville
                                                                                                                                                                                                                                     APPLICATION NUMBER:
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60 Horton Street
                                                                                   51.8%;
38.5%;
                 STANDARD;
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                                                                                  Score 57; DB 2;
Pred. No. 4.54e+01
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Pred. No. 1.48e+01;
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                                                                                                                                                                                                                   Sequence 2, Application US/08852153
                                                                                                                                                                                                                                                                                                                         US-08-852-153-2
                                                                                                                                   Sequence 2, Application US/08852153
Patent No. 5914266
GENERAL INFORMATION:
APPLICANT: Randazzo, Filippo
                                                                                                                                                                                                                                                                                                                                                                                                                           519 RDPSSWTVEDVMQ 531
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Local Similarity 38.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 31,261
REFERENCE/DOCKET NUMBER: 1224
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 10933-3888
                                                                                                                                                                                                                                                                                                                                                                                           1 KNSSGWKEEEVLQ 13
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                                                                              APPLICANT: Randazzo, Filippo
TITLE OF INVENTION: Mammaliar
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein
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NAME: Guth, Joseph H.
REGISTRATION NUMBER: 31,261
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MEDIUM TYPE: Floppy disk
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STREET: Emeryville
CITY: Emeryville
CTATE: California
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                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
COUNTRY:
                                                                 ADDRESSEE:
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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            Emeryville
California
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                                              4560 Horton Street
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SYSTEM: PC-DOS/MS-DOS
                                                               Chiron Corporation
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Mammalian Sex Comb on Midleg Acts as a Tumor Suppressor
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Best Local :
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                                                                                                                                                                                                                                                          Sequence 8, Application US/08852153
                                                                                                                                                                                                                                  Sequence 8, Application US/08852153 Patent No. 5914266
                                                                                                                                                                                                                                                                                                                                                              548 RDPSSWTVEDVMQ 560
                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                         GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Guth, Joseph H.
REGISTRATION NUMBER: 31,261
REFERENCE/DOCKET NUMBER: 1224
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 923-3888
        CLASSIFICATION: 435
ATTOR: EQUAL JOSEPH H.

NAME: GUATH JOSEPH H.

REGISTRATION NUMBER: 31,261
REFERENCE/DOCKET NUMBER: 122/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 923-3888
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ONCE TYPE: amino acids

STRANDEDNESS: sir

TOPOLOGY: 17

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                                                                                    SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                APPLICANT: Randazzo TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein ENCE 620 AA; 68786 MW;
                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                CITY:
                                                                                                                                                                       STREET:
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                                                                    FILING DATE:
                                                                            APPLICATION NUMBER:
                                                                                                                                               COUNTRY:
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 (510) 655-3542
                                                                                                                                              U.S.A.
                                                                                                                                                                                                                 Randazzo,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (510) 923-3888
(510) 655-3542
)R SEQ ID NO: 2:
                                                                                            PatentIn Release #1.0, Version #1.30
                                                                                                                                                                       Chiron Corporation 60 Horton Street
                                                                                                                                                                                                                                                                                                                                               13
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38.5%;
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                                                                            US/08/852,153
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Pred. No. 4.54e+01;
6; Mismatches 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                        TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 KNSSGWKEEEVLQ
                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/884,682
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastEED for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bandman, Olga
APPLICANT: Corley, Neil C.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: CALCIUM-BINDING PHOSP
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                      IMMEDIATE SOURCE:
LIBRARY: GenBa
CLONE: 877
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JENCE 664 AA; 73732 MW; 2335520 CN;
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                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
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CITY: Palo Alto
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                                                                                                                                          LENGTH:
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                                          21131 MW; 178551 CN;
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Pred. No. 4.54e+01;
wismatches 2;
Score 56; DB 2; L
Pred. No. 5.66e+01;
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            Length 189;
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Patent No.

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Query Match
Best Local Similarity 63.6%;
                                          US-09-096-082-4
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                                                                                                                                             132 SGEWTEEEVLR 142
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INFORMATION FOR SEQ ID NO: 3:
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                                                                                                                      3 SSGWKEEEVLO 13
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APPLICATION NUMBER: US/09/00/00
FILING DATE:
VRIOR APPOINTMENT OF THE PROPERTY OF TH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749 REFERENCE/DOCKET NUMBER: PF TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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LENGTH: 189 amino acid
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CLONE: 877
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U
ZIP: 94304
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CITY: Palo Alto
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                                                                                                                                                                                                                                                                              189 AA; 21131 MW; 178551 CN;
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Corley, Neil C.
Shah, Purvi
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                                                                                                                                                                                             Score 56; DB 2; I
Pred. No. 5.66e+01;
2; Mismatches 2
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Best Local (
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                                                                                                                                     Sequence 4, Application US/08884682
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                                                          Patent No. GENERAL IN
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                                                                            Sequence 4, Application US/08884682 Patent No. 5804419
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 1359717
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
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MEDIUM TYPE: Diskett
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STATE: CA
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    Application US/09096082
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                                                          INFORMATION:
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Bandman, Olga
Corley, Neil C.
Shah, Purvi
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Corley, Neil (
Shah, Purvi
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ER: PF-0330 US
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Pred. No. 7.05e+01;
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NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:

ADDRESSEE:

3174 Porter Drive

Incyte Pharmaceuticals, Inc.

TITLE OF INVENTION:

CALCIUM-BINDING PHOSPHOPROTEIN

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Best Local Similarity 54.5%;
Matches 6; Conservative
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COUNTRY: USA COUNTRY: USA 2IP: 10174-6401

ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: PLOS/MS-DOS
                                                                                                                                                                      Sequence 2, Application US/08435925C Patent No. 5646025
                                                                                                                                                                     Patent No.
                                                                                                               GENERAL INFORMATION:
APPLICANT: MOYEY, Donna
TITLE OF INVENTION: SCYTALIDUM CATALASE GENE
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 415-845-4166 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415.855-0555
                                                                                                                                                                                                                                                                                                          3 SSGWKEEEVLQ 13
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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TYPE: amino acid
STRANDEDNESS: single
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                                                                          CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE:
                                                                                              STREET:
                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                          189 AA; 20967 MW; 175626 CN;
                                                                                             405 Lexington Avenue,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IBM Compatible
                                                                                                         No.
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                                                                                                                                                                                                                                                                STANDARD;
                                                                                              5646025o No. 5646025disk of No. 5646025th America, Inc
xington Avenue, 64th Floor
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Pred. No. 7.05e+01;
3; Mismatches 2
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                       В
                                               Query Match 47.3%;
Best Local Similarity 43.8%;
Matches 7; Conservative
                                                                                                                                               ATTORNEY/ACENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4429
TELECOMMUNICATION INFORMATION:
TELEPAN: 212-867-0123
TELEFAN: 212-878-9655
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 717 amino acids
                                                                                                    SEQUENCE
                       272 KASLVWEEAQVLSGKN 287
1 KNSSGWKEEEVLQSRN 16
                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: DS/08/435,925C FILLNG DATE: 05-MAY-1995 CLASSIFICATION: 435
                                                                                                  MOLECULE TYPE: protein JENCE 717 AA; 78739 MW; 2637111 CN;
                                                                                                                              TOPOLOGY:
                                                                                                                                      TYPE: amino acid
                                                                                                                           linear
                                                             Score 52; [
Pred. No. 1.
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                                                  Mismatches
                                                             DB 1; I
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Search completed: Thu Oct 21 16:36:44 1999 Job time: 8 secs.

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